

10539140.trn	spectral property data		
NEWS 29	SEP 07	STN Anavist, Version 2.0, now available with Derwent World Patents Index	
NEWS 30	SEP 13	FORIS renamed to SOFIS	
NEWS 31	SEP 13	INFODOCB: New SDI frequency MONTHLY available now	
NEWS EXPRESS	05 SEPTEMBER 2007.	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0C (ENG) AND V6.0JC (JP), AND CURRENT DISCOVER FILE IS DATED 05 SEPTEMBER 2007.	
NEWS HOURS		STN Operating Hours Plus Help Desk Availability	
NEWS LOGIN		Welcome Banner and News Items	
NEWS IPC8		For general information regarding STN implementation of IPC 8	
		Enter NEWS followed by the item number or name to see news on that specific topic.	
		All use of STN is subject to the provisions of the STN Customer Agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in termination of your account.	

REGISTRY includes numerically searchable data for experimental and piecled properties as well as tags indicating availability of environmental property data in the original document. For information on environment searching in REGISTRY, refer to:

conducting SmartSELECT searches.

=> FILE REGISTRY ENTERED AT 11:40:58 ON 14 SEP 2007
 USE IS SUBJECT TO THE TERMS OF YOUR SIN CUSTOMER AGREEMENT.
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 provided by Infotecham.

STRUCTURE FILE UPDATES:	13 SEP 2007	HIGHEST RN 947061-18-9
DICTIONARY FILE UPDATES:	13 SEP 2007	HIGHEST RN 947061-18-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

Please note that search-term pricing does apply when

Page 94

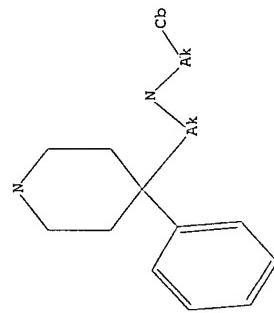
10539140.trn

10539160 + rru

3. **AISTHMUS REGISTRY** Copyright 2007 ACS on STN
125 1,1-bis[2-(*p*-carboxyphenyl)-*N,N*-bis[(-*p*-phenyl)-1-(*p*-phenyl)ethyl]-4-
126 1,1-bis[2-(*p*-methyl-*p*-nitrophenyl)-*N,N*-bis[(-*p*-phenyl)-1-(*p*-phenyl)ethyl]-4-

- - - - -

STRUCTURE OF
L1 HAS NO ANSWERS



תְּנַשֵּׁא בְּנֵי כָּל־עֲמָדָה וְבְנֵי כָּל־עֲמָדָה

```
=> s 11      SAMPLE SEARCH INITIATED 11:41:22 FILE 'REGISTRY'.
          SAMPLE SCREEN SEARCH COMPLETED -        43526 TO ITERATE
          4.63 PROCESSED      2000 ITERATIONS
          INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
          SEARCH TIME: 00:00:01

          FULL FILE PROJECTIONS: ONLINE    **COMPLETE**
                                      BATCH     **COMPLETE**
          PROJECTED ITERATIONS:  850062 TO  882978
          PROJECTED ANSWERS:    821 TO   1789

          L2      3 SEA SSS SAM L1

=> d scan
```

Page 95

Page 96

10539160 + rgn

10539140.trn

```
=> FILE STNGUIDE  
FILE 'STNGUIDE' ENTERED AT 11:41:40 ON 14 SEP 2007  
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)  
  
FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Sep 7, 2007 (20070907/UP).
```

```
=>
```

Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do You want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some Commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (>) for a list of commands which can be used in this file.

```
=> FILE REGISTRY
```

FILE 'REGISTRY' ENTERED AT 11:42:57 ON 14 SEP 2007

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STRUCTURE FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9

DICTIONARY FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

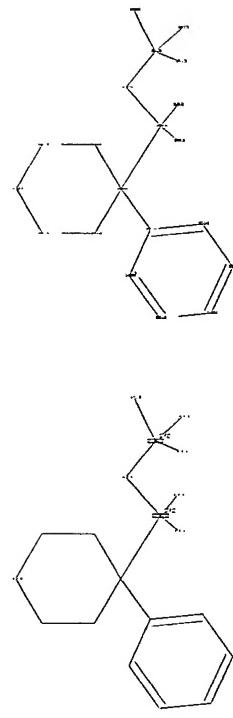
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=> Uploading C:\Program Files\Stnexp\Queries\phenylder2.str
```

10539140.trn

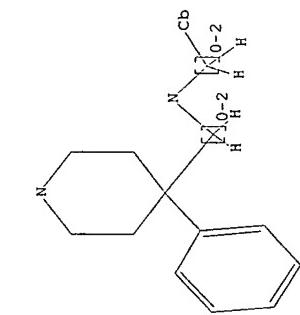


```
chain nodes :  
8 9 10 11 18 19 20 21  
ring nodes :  
1 2 3 4 5 6 7 12 13 14 15 16  
chain bonds :  
1-7 1-8 8-9 8-18 8-19 9-10 10-11 10-20 10-21  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 7-12 7-16 12-13 13-14 14-15 15-16  
exact/norm bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 8-9 9-10  
exact bonds :  
1-7 1-8 8-18 8-19 10-11 10-20 10-21  
normalized bonds :  
7-12 7-16 12-13 13-14 14-15 15-16  
  
Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 10:CLASS  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS 20:CLASS  
21:CLASS  
Generic attributes :  
11:  
Saturation :  
Number of Carbon Atoms : less than 7  
Type of Ring System : Monocyclic  
Element Count :  
None 11: Limited  
C,C6
```

```
L3 STRUCTURE uploaded  
=> d 13  
L3 HAS NO ANSWERS STR  
L3
```

10539140.trn

10539140.trn



Structure attributes must be viewed using STN Express query preparation.

```
=> S 13
SAMPLE SEARCH INITIATED 11:43:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 955 TO ITERATE
100.0% PROCESSED 955 ITERATIONS
SEARCH TIME: 00.00.01
```

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

PROJECTED ITERATIONS: 17246 TO 20954

PROJECTED ANSWERS: 7 TO 298

L4 7 SEA SSS SAM L3

=> d scan

L4 7 ANSWERS REGISTRY Copyright 2007 ACD on STN
14 7 ANSWERS REGISTRY Copyright 2007 ACD on STN
IN 1-(1-methyl-1-phenyl-1H-pyrazol-4-yl)-4-(phenylmethoxy)-
NR 1-(1-methyl-1-phenyl-1H-pyrazol-4-yl)-4-(phenylmethoxy)-
C1 1-(1-methyl-1-phenyl-1H-pyrazol-4-yl)-4-(phenylmethoxy)-
Cl 1

CN 2

NR-C(=O)-ON
How many more answers do you wish to scan? (1):1
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT
How many more answers do you wish to scan? (1):1

Structure attributes must be viewed using STN Express query preparation.

```
=> S 13
SAMPLE SEARCH INITIATED 11:43:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 955 TO ITERATE
100.0% PROCESSED 955 ITERATIONS
SEARCH TIME: 00.00.01
```

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

PROJECTED ITERATIONS: 17246 TO 20954

PROJECTED ANSWERS: 7 TO 298

L4 7 SEA SSS SAM L3

=> d scan

CN 2

NR-C(=O)-ON
How many more answers do you wish to scan? (1):1
PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT
How many more answers do you wish to scan? (1):1

10539140.trn
=> Uploading C:\Program Files\STNexp\Queries\bphenyldes-CN.str

The diagram shows a complex organic molecule. It features a central cyclohexane ring fused with a benzene ring. Attached to the benzene ring is a phenyl group. A nitrogen atom is bonded to the central ring, and a cyano group (-C≡N) is also present.

chain nodes :
8 9 10 11 18 19 20 21 26 27
ring nodes :
1 2 3 4 5 6 7 12 13 14 15 16
chain bonds :
1-7 1-8 8-9 8-18 8-19 9-10 10-11 10-20 10-21 11-26 26-27
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-12 7-16 12-13 13-14 14-15 15-16
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 9-10 26-27
exact bonds :
1-7 1-8 8-18 8-19 10-11 10-20 10-21 11-26
normalized bonds :
7-12 7-16 12-13 13-14 14-15 15-16

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:CLASS 9:CLASS 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS
Genetic attributes :
11:
Saturation : Unsaturated
Number of Carbon Atoms : Less than 7
Type of Ring System : Monocyclic

Element Count :
Node 11: Limited
C,C6

L5 STRUCTURE UPLOADED
=> d 15
L5 HAS NO ANSWERS STR

Welcome to STN International! Enter x:X

10539140.trn
=> Uploading C:\Program Files\STNexp\Queries\bphenyldes-CN.str

The diagram shows a complex organic molecule. It features a central cyclohexane ring fused with a benzene ring. Attached to the benzene ring is a phenyl group. A nitrogen atom is bonded to the central ring, and a cyano group (-C≡N) is also present.

Structure attributes must be viewed using STN Express query preparation.
chain nodes :
8 9 10 11 18 19 20 21 26 27
ring nodes :
1 2 3 4 5 6 7 12 13 14 15 16
chain bonds :
1-7 1-8 8-9 8-18 8-19 9-10 10-11 10-20 10-21 11-26 26-27
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-12 7-16 12-13 13-14 14-15 15-16
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 9-10 26-27
exact bonds :
1-7 1-8 8-18 8-19 10-11 10-20 10-21 11-26
normalized bonds :
7-12 7-16 12-13 13-14 14-15 15-16

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:CLASS 9:CLASS 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS
Genetic attributes :
11:
Saturation : Unsaturated
Number of Carbon Atoms : Less than 7
Type of Ring System : Monocyclic

Element Count :
Node 11: Limited
C,C6
=> S 15
SAMPLE SEARCH INITIATED 11:44:59 FILE 'REGISTRY',
SAMPLE SCREEN SEARCH COMPLETED - 151 TO ITERATE
100.0% PROCESSED 151 ITERATIONS
SEARCH TIME: 00:00:01
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
PROJECTED ITERATIONS: BATCH **COMPLETE**
PROJECTED ANSWERS: 2283 TO 3757
0 TO 0
16 0 SEA SSS SAM L5

FILE STINGUIDE
FILE 'STINGUIDE' ENTERED AT 11:45:09 ON 14 SEP 2007
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Sep 7, 2007 (2007/09/07/HIP).
=> log hold
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE
ENTRY
0.06
TOTAL
SESSION
2.64

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:45:22 ON 14 SEP 2007
Connecting via Winsock to STN

10539140.trn

LOGINID:SSPTADK01625

PASSWORD:
* * * * RECONNECTED TO STN INTERNATIONAL * * * *
SESSION RESUMED IN FILE 'STNGUIDE' AT 12:37:57 ON 14 SEP 2007
FILE 'STNGUIDE' ENTERED AT 12:37:57 ON 14 SEP 2007
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=> Uploading THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (>) for a list of commands which can be used in this file.

=> FILE REGISTRY

FILE 'REGISTRY' ENTERED AT 12:38:04 ON 14 SEP 2007

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STRUCTURE FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9

DICTIONARY FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

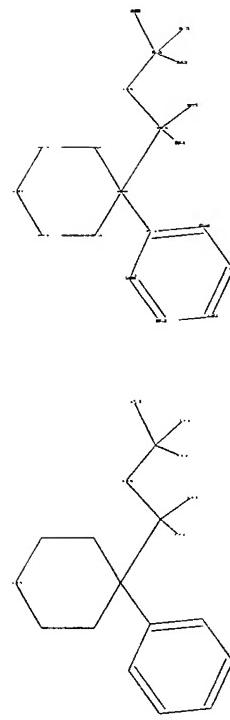
Please note that search-term pricing does apply when conducting SMARTSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnguide/stndoc/properties.html>

=> Uploading C:\Program Files\Stnexp\Queryes\phenylder4.str

10539140.trn



chain nodes :
8 9 10 11 18 19 20 21
ring nodes :
1 2 3 4 5 6 7 12 13 14 15 16
chain bonds :
1-7 1-8 8-9 8-18 8-21 9-10 10-11 10-19 10-20
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-12 7-16 12-13 13-14 14-15 15-16
exact norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 9-10
exact bonds :
1-7 1-8 8-18 8-21 10-11 10-19 10-20
normalized bonds :
7-12 7-16 12-13 13-14 14-15 15-16

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS 20:CLASS
21:CLASS
Generic attributes :
11:
Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic
Element Count :
None 11: Limited
C,C₆

L7 STRUCTURE uploaded

=> d 17
L7 HAS NO ANSWERS
L7 STR

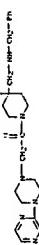
110539140.trn => d cbib abs hitstr 1-11

```
#> d cbib abs hitstr 1-11
```

10539140.tif

NURSES 1 OF 1 CAPTURED COPYRIGHT 2009 ACM on 8/18/2010 10:21:11 AM from 128.122.230.131

L10 ANSWER 1 OF 11 CAPTION COPYRIGHT 2007 ACT on SH (Continued)



During the following days the temperature and relative humidity of the air in the room were measured at intervals of 1 hr. The results are given in Table I. It is evident that the temperature of the air in the room was higher than that of the air in the chamber during the first 2 hr. After this time the temperature of the air in the chamber became higher than that of the air in the room. The relative humidity of the air in the room was higher than that of the air in the chamber during the first 2 hr. After this time the relative humidity of the air in the chamber became higher than that of the air in the room.

are effective in reducing levels of lipoprotein (Lp) cholesterol in patients with elevated serum Lp cholesterol levels. Thus, 0.019 g. of a suspension of 40 mg. of α -cetyl- β -hydroxy- γ -methylbutyric acid added to 1.0 ml. of plasma reduced the Lp cholesterol and total cholesterol levels by 32.6% and 22.6%, respectively, and the resulting mixture was found to reduce the Lp cholesterol and total cholesterol levels by 1.0 and 1.6%, respectively.

0539140.trn

(Continued)

PAGE 1-A	 $\text{Structure: } \text{C}_6\text{H}_4 - \text{CO}_2 - \text{CH}_2 - \text{CH}_2 - \text{NH} - \text{C}(=\text{O}) - \text{NH} - \text{C}(=\text{O}) - \text{NH} - \text{CH}_2 - \text{CH}_2 - \text{CO}_2$	PAGE 2-A
----------	--	----------

10539140.tcm

1

REAGENTS AND EQUIPMENT: Copper(II) acetate, zinc dust, and acetylacetone (100 g each) were purchased from commercial sources. Guanidine hydrochloride was obtained from Sigma Chemical Co. Acetone was purchased from Fisher Scientific Co. All glassware used in this work was cleaned with concentrated HCl and rinsed with deionized water. The apparatus used for the synthesis of polyacrylate and polyurethane prepolymers was described previously.¹ Gel permeation chromatography was performed on a Waters Associates Model 201 column system equipped with a Waters Associates 2410 refractive index detector. Infrared spectra were recorded on a Varian Mat 1100 spectrometer. Thermogravimetric analysis was performed on a TA 2100 instrument at a heating rate of 20 °C/min under nitrogen. Elemental analyses were performed by the Midwest Research Institute. Ultraviolet spectra were recorded on a Varian 3300 ultraviolet-visible (UV-vis) spectrophotometer. NMR spectra were recorded on a Bruker 300 MHz instrument. Mass spectra were recorded on a Finnigan MAT 312 mass spectrometer.

OR
CH₃
CH₂
Ph

77421-34-2 CAP1012
77421-35-3 CAP1013

page 117

Page 118

10539140.trn

=> FIL STNGUIDE, ENTERED AT 12:39:54 ON 14 SEP 2007
FILE 'STNGUIDE' ENTERED AT 12:39:54 ON 14 SEP 2007
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Sep 7, 2007 (20070907/UP).

=>

=> Executing the logoff script...

=> LOG H

COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE ENTRANCE
1.5

SINCE FILE ENTRANCE
0.

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:54:59 ON 14 SEP